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Periodicals. Jas Vick, Jan to Apr and Dec. A I Root, year. A J King & Co, year. T G Newman, year. A J Marks, June. J H Nellis, Jan and Dec. G M Doolittle, Dec. G O Tompkins, Dec.

Planers. A I Root, Feb to Dec.

Poultry. J R Landes, Jan to Sept. J M Marvin, Jan and Feb. Valentine & Son, Feb to July. King & White, May and June. W Harvey, Apr to June.

Queens. J R Landes, Jan to Oct. W W Cary, Jan to July. E W Hale, year. D A Pike, Jan. A I Root, year. H H Brown, year. J Shaw & Son, Jan to Nov. E M Hayhurst, year. A Cox, Jan to Aug. J M C Taylor, year. Valentine & Son, Feb to Dec. Dr J P H Brown, year. G W Marshall, Feb to July. J C & H P Sayles, Feb to Aug. P L Viallon, Feb to Dec. G W Gates, Feb to Apr. T G McGaw, Feb to May, July to Sept. C Dadant, Mar to May and July. H Alley, Mar to Sept. O H Townsend, Mar to May, July to Sept. G H Mackey, Mar. J E Walcher, Mar to Sept. S B Keeler, Mar to Sept. E L Rozier, Mar to Sept. F A Snell, Mar to June. M Parse, Apr and July. A F Moon, Apr to June. J A Buchanan, Apr to June, and Aug. W Harvey, Apr to June. W P Henderson, Apr to Sept. J Oatman, Apr to Sept. J T Scott, Apr to Oct. C H Stordock, Apr to Aug. J A Bingham, Apr to Oct. M Wyrick, Apr to Oct. S Valentine, May and June. C C Vaughn, Mar to May. M Nevins, May. Ila Michener, May to Oct. J T Wilson, May to Nov. E B Plunkett, May to Sept. B B Barnum, May to July. G E Clark, June to Aug. Williamson & Bro, June to Oct. H F Smyser, June. R Stehle, Apr to July. R Ferris, June. C McClave, July and Aug. H S Elkins, July to Oct. W C Gillet, July and Aug. H S Hampton, July and Aug. W Holiam, July and Aug. W D Wright, Aug and Sept. C H Wood, Aug.

Roses. B A Elliot & Co, Mar. J C Wood & Bro, April.

Sections. J Oatman & Sons, Jan to May. Smith & Buell, Mar. R Stehle, Apr to July. W D Parker, May and June. J H Nellis, Feb to Sept. A I Root, year. F A Salisbury, Dec. Lewis & Parks, Dec. R R Murphy, Dec.

Seeds. C W Leah, Jan. C F Lane, Feb to Apr. A C Nellis, Mar and Apr. C F Muth, Feb and Mar. A I Root, year. J Vick, Dec.

Smokers. T F Bingham, Apr to Dec. L C Root, May to Nov. A J King, June to Dec. A I Root, year.

Stamps. A I Root, Nov and Dec.

Supplies. J Oatman & Sons, Jan to May. Valentine & Son, Feb to July. G W Marshall, Feb to July. J H Nellis, Jan to Sept and Dec. H Alley, Mar and Apr. J C & H P Sayles, Feb to Aug. H Tench, Mar and Apr. P L Viallon, Feb to July. M Richardson, Apr and May. J B LaMontague, May. B B Barnum, May to July. M A Buell, June and July. A I Root, year. F A Salisbury, Dec.

Tin. A I Root, Apr to Dec.

Wanted. F G McGavock, Feb. H Palmer, Feb. J M Kauffman, Apr. F E Townsend, May. "B," June. C L Stratton, Sept. Rev G H Child, Nov.

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TABLE OF PREMIUMS.

The first column is for those only, who send 5 or more names. *Names of Premium Articles.*	*Prices of Premiums*	*Number of Subscribers required at* 75c.	*or at* 1.00
Any of them sent post-paid on rec'pt of price.			
1—*A B C of Bee Culture, Part First*	25	5	2
2—*Lithograph of Apiary, Implements, etc.*	25	5	2
3—*Photograph of House Apiary*	25	5	
4—"*That Present,*" *Novice and Blue Eyes*	25	5	2
5—*Emerson's Binder for* GLEANINGS, *will hold 3 Volumes*	50	6	
6— " " *better quality*	60		3
7—*Pocket Magnifying Glass*	60	7	3
8—*First or second Volume of* GLEANINGS	75		
9—*Best quality Emerson's Binder for* GLEANINGS	75	8	4
10—*Double Lens Magnifier, on 3 brass feet*	1,00	9	4
11—*Photo Medley, Bee-Keepers of America*	1,00	9	6
12—*First and second Vol. of* GLEANINGS	1,50	10	
13—*A real Compound Microscope, beautifully finished, and packed with Implements in a Mahogany Box*	3 15	20	8
14—*Opera Glass for Bee Hunting*	85.00	25	10
15—*American Silver (Waltham) Watch*	$10.00	50	20

Machinery for Making Section Boxes.

There is such a demand for Saws and Mandrels for this purpose, that I have been obliged to have them made expressly for the work. A B C, Part II, considers the whole matter. A mandrel, suitable for holding the whole 8 saws at once, must be very strong and heavy, or you will have much trouble with the bearings getting hot. Such a mandrel, including 3 in. saws and washers, will cost $ 0.00. For only 4 saws, a lighter mandrel will do, and the whole rig will cost $16.00, with 4 inch saws. A single saw can be run on the light $5.00 mandrel, and the entire expense will be only $6.50. The latter can be sent by mail. for 70c. extra. Four inch saws, $1.50 each; 5 in. $2.00 each. Steel washers accurately ground to go between saws, 50c. each.

A. I. ROOT.

POCKET RULES.

Since writing about the importance of each person's having a rule of his own, I have written to the manufacturers of rules, and find I can get them, by the quantity, so as to send you a very pretty, 1 foot, boxwood rule, 4 fold, for the small sum of only 12c.; and a 2 foot rule, same kind, for only 20c.

A. I. ROOT, Medina, O.

1878 - Vol 6

BEES AND HONEY.

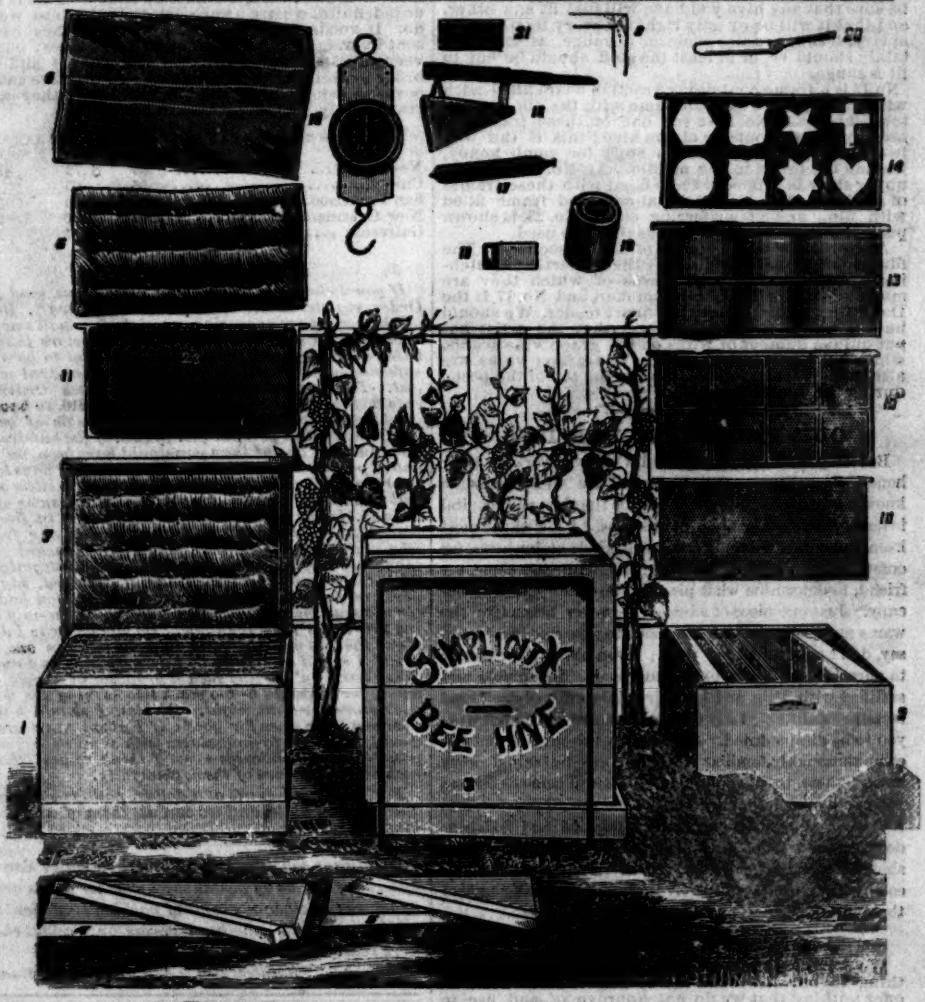
Our 12th Edition

Illustrated Catalogue & Price List,

OF

Implements for Bee Culture with Directions for their Use.

A. I. ROOT, MEDINA, O., MARCH 1st, 1878.



Implements for the Apiary.

No. 1, shows a Simplicity Hive, single story, with the Enameled Cloth removed, so as to show the 10 frames in place. The Chaff Cushion is shown in the cover, where it is fastened by 8 or 10 tacks around the edge. You will observe that when the Cushion is thus fastened in the cover, we are obliged to have the Enameled Cloth shown at No. 8, fitted closely over the frames that the bees may not get to the Cushion, or it would be stuck so tightly to the frames that we could never get the hive open. For wintering, a much thicker cushion is used, unquilted, and placed in an upper story. This Hive is shown with the entrance closed, by pushing it back squarely on the bottom board, while Nos. 2 and 3 are pushed forward so as to give a ⅝ inch passage for the bees. No.